

CLAIMS

1. A low application temperature hot melt adhesive comprising an ethylene-2-ethylhexyl acrylate copolymer.
2. The adhesive of claim 1 which has high heat stress properties and/or high temperature adhesion properties.
3. The adhesive of claim 1 which has good cold temperature tolerance.
4. The adhesive of claim 1 which further comprises an ethylene n-butyl acrylate copolymer, a tackifier and/or a wax.
5. A hot melt adhesive comprising ethylene-2-ethylhexyl acrylate copolymer and a functionalized polyethylene additive
6. The hot melt adhesive of claim 5 further comprising a tackifier and a wax.
7. The adhesive of claim 5 further comprising an ethylene vinyl acetate copolymer and/or an ethylene n-butyl acrylate copolymer.
8. The adhesive of claim 6 wherein the wax is a polyethylene wax.
9. The adhesive of claim 6 wherein the tackifier is a hydrogenated aliphatic hydrocarbon tackifier.
10. The adhesive of claim 6 comprising from about 5 to about 50 wt % ethylene-2-ethylhexyl acrylate copolymer, from about 5 to about 40 wt % of a wax, from about 5 to about 60 wt % of a tackifier, from about 5 to about 30 wt % of a functionalized polyethylene additive,

60 wt % of a tackifier, from about 5 to about 30 wt % of a functionalized polyethylene additive, up to about 30 wt % of an ethylene vinyl acetate copolymer, up to about 30 wt % of an ethylene n-butyl acrylate copolymer and up to about 1 wt % of an antioxidant.

11. The adhesive of claim 10 wherein the wax is a Fischer-Tropsch wax.

12. The adhesive of claim 11 comprising from about 15 to about 35 wt % of a polyethylene wax.

13. An article of manufacture comprising the adhesive of claim 1 or 5.

14. The article of claim 13 which is a carton, case, tray, bag or book.

15. A method of sealing and/or forming a case, carton, tray, bag or book comprising using the hot melt adhesive of claim 1 or 5 to seal and/or form the case, carton, tray, bag or book.

16. A packaged article contained within a carton, case, tray or bag, wherein the carton, case, tray or bag comprises the adhesive of claim 1 or 5.

17. The packaged article of claim 16 which is a packaged food article.

18. A process for bonding a substrate to a similar or dissimilar substrate comprising applying to at least one substrate a molten hot melt adhesive composition and bonding said substrate together, said hot melt adhesive comprising ethylene-2-ethylhexyl acrylate copolymer, a functionalized polyethylene additive, a tackifier and a wax.